GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:801
ANSWERED ON:20.07.2017
Rooftop Solar Panels for Slums
Choubey Shri Ashwini Kumar

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether rooftop solar panels are very costly and practically impossible for slums in the country;
(b) if so, the details thereof and the step being taken by the Government to empower slums to procure solar energy equipments within their financial capabilities;
(c) whether the Government proposes to introduce low cost solar lighting devices especially for slums; and
(d) if so, the estimated number of people, who will be using such devices and the expected energy saving along with the likely cost of such devices?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): For individual slum dwellers, solar roof top systems are expensive and uneconomical because 1kW system costs between Rs.60,000/- and Rs.70,000/-.

(b) to (d): To empower weaker sections of the society including slum dwellers, the Government has been promoting Off Grid and Decentralised Solar Applications Scheme in which small applications like solar lighting devices of capacity from 20 to 300Wp are offered. The cost of 20Wp solar lighting device which is typically in demand costs roughly Rs.5000/-.and 30% subsidy is offered on it. Approximately 14,32,600 people are using such lighting devices.

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